


Applies To: **See VEHICLES AFFECTED**
April 2, 2004

2002 CR-V: MIL Comes On With DTC P1164

(Supersedes 02-028, dated October 1, 2002)

SYMPTOM

The MIL is on and DTC P1164 [air/fuel sensor (sensor 1) circuit range/performance problem] is set.

PROBABLE CAUSE

Some driving conditions may cause the ECM/PCM software to set a DTC P1164. This is a software issue, not a problem with the air/fuel sensor.

VEHICLES AFFECTED

2002 CR-V With 2WD

From VIN JHLRD6...2C000001 thru
JHLRD6...2C019081

From VIN SHSRD6...2U000001 thru
SHSRD6...2U001812

2002 CR-V With 4WD

From VIN JHLRD7...2C000001 thru
JHLRD7...2C067524

From VIN SHSRD7...2U000001 thru
SHSRD7...2U008787

CORRECTIVE ACTION

Use the Honda Interface Module (HIM) to update the ECM/PCM software.

TOOL INFORMATION

- Interactive Network (iN) CD (March '04 or later)
- iN Workstation
- Honda Interface Module (HIM): T/N EQS05A35570
- PC Interface Cable (RS232): T/N VET-02002832
[This is the same cable you use to connect the Honda Diagnostic System (HDS) to the iN workstation when updating the HDS software or when downloading DTCs to American Honda. The cable is blue with an attached adapter.]
- AC Adapter (110 VAC/12 VDC Power Supply): T/N VET-02002426
(This is the same adapter used by the HDS.)

To order additional HIMs, interface cables, or AC adapters, contact the Honda Tool and Equipment Program at **1-888-424-6857** or use the fax order form provided in your *Honda Tool and Equipment Program Catalog*. Phone lines are open Monday through Friday from 7:30 a.m. to 7:00 p.m., Central Time. You can also order through the iN. Click on **SERVICE, Service Bay**, and then **Tool and Equipment**, or click on **eMail** and then **Tool and Equipment Program**.

WARRANTY CLAIM INFORMATION

In warranty: The normal warranty applies.

OP#	Description	FRT
123503	Retrieve the DTC and clear codes with the Honda Diagnostic System	0.3
125517	Update the ECM/PCM software with the Honda Interface Module	0.3

Failed Part: P/N 37820-PPA-A52
H/C 6917710

Defect Code: 07201

Symptom Code: 03203

Skill Level: Repair Technician

Out of warranty: Any repair performed after warranty expiration may be eligible for goodwill consideration by the District Parts and Service Manager or your Zone Office. You must request consideration, and get a decision, before starting work.

REPAIR PROCEDURE

1. Use the Honda Diagnostic System (HDS) with version 1.011.014 or later software to clear the DTC.
2. Make sure you have the iN CD (March '04 or later) loaded into your iN master terminal. If not, load the CD using the instructions that come with it.
3. Use the Honda Interface Module (HIM) to update the ECM/PCM software. Refer to S/B 01-023, *Using the Honda Interface Module to Update Control Units/Modules*.